



G-5's "Eye on AMC"

U.S. Army Materiel Command

The Army's Premier Provider of Materiel Readiness

April 29, 2005

National Automotive unveils HMMWV-like hybrid, field testing begins soon

The U.S. Army, known for the 11 mpg HMMWV utility vehicle and the M1 tank, which needs two gallons to go a mile, recently unveiled a 50 mpg hybrid utility vehicle that can replace the HMMWV on many assignments.

The HMMWV was developed to save money on fuel and to fill a gap caused by redeployment of regular HMMWVs from U.S. bases to overseas assignments.

"The Army uses a lot of fuel," said Germaine Fuller from AMC's National Automotive Center, a research and development department charged with creating vehicles and technologies for joint military/civilian use. "If we can find a way to save on that, it's highly needed."

The Army developed the hybrid chassis, which contains the 18-hp diesel engine, two 10-hp electric engines and three batteries, to support interchangeable body types. The body types include: passenger, pick-up, armored, and one for remote control vehicles. Its diesel engine is also removable, acting as a generator, and its mechanics are more accessible and easier to work on than those of existing hybrids.

The hybrid is also cheaper than a HMMWV, with a price tag of around \$20,000 versus \$65,000 for its larger cousin. The mp hybrid will be field tested for further evaluation by the Army.

DoD mentor program provides incentives, competitiveness

The DoD Mentor Protégé Program provides incentives to prime contractors to develop technical and business capabilities of eligible small business protégés to increase their competitiveness and participation in both prime contracts and subcontracts.

Eligible protégés include certified small disadvantaged businesses, qualified organizations employing the severely disabled, women-owned small businesses and most recently, service-disabled, veteran-owned small businesses, and qualified historically underutilized business zone entities.

The Army's goal is to engage industry and help shape and expand the industrial base to support our Soldier's via mentor program agreements with strong technical components and a focus on innovative, state-of-the-art technology transfer.

AMC obligates over 66 percent of the Army's U.S. business contract obligations, and sponsors just 35 percent of active Army mentor program agreements. There is currently only one manufacturing agreement.

Increased AMC sponsored agreements focused on transferring manufacturing technologies is a catalyst for developing critical capabilities and enhances effectiveness in the U.S. small business manufacturing base.

AFSB- Luxembourg's service partner earns ISO certification

Warehouses Service Agency, Army Field Support Battalion, Luxembourg's service partner, recently received the prestigious International Standardization Organization certifications for Quality Management and Environmental Management Systems.

"WSA was set up by the Luxembourg Government as part of a nation-to-nation agreement with the United States. Our sole, non-profit, mission is to provide services to American armed forces," said Norbert Giampellegrini, WSA deputy general manager. "We decided to go after ISO certification. We turned to the Luxembourg government for financial support ...the government agreed to underwrite the initial certification costs, at no expense to the U.S.A."

By earning ISO certifications, WSA has become the first of Army Field Support Brigade – Europe's elements to achieve internationally recognized standards. "This is an important milestone and we aim to achieve the same result throughout the brigade," said Col. Max Lobeto, brigade commander. "The benefits to taxpayers and the Army are clear: efficient and effective delivery of combat-ready equipment to Soldiers who are counting on us."